L Number	Hits	Search Text	DB	Time stamp
- Number	28	((257/751.CCLS.) AND (RU OR RUTHENIUM))		2001/06/27
_	0	(((257/751.CCLS.) AND (RU OR RUTHENIUM)))		07:46 2000/07/05
-	17	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		17:01 2000/07/05
-	27	RUTHENIUM))) AND (CU OR COPPER)) ((RU OR RUTHENIUM) WITH (DIFFUSION ADJ BARRIER))		17:11 2001/06/25 17:04
-	0	(((RU OR RUTHENIUM) WITH (DIFFUSION ADJ BARRIER))) and ((copper or cu) adj		2000/07/05 17:15
-	0	intercon\$10) (((RU OR RUTHENIUM) WITH (DIFFUSION ADJ BARRIER))) and ((copper or cu) with intercon\$10)		2000/07/05 17:16
-	8	1		2000/07/05 17:16
-	3592	((CU OR COPPER) WITH INTERCON\$10)		2000/12/06
-	272	((((CU OR COPPER) WITH INTERCON\$10)) AND (DIFFUSION ADJ BARRIER))		2001/06/26
-	210	((((((CU OR COPPER) WITH INTERCON\$10)) AND (DIFFUSION ADJ BARRIER))) AND (PLUG OR VIA))		2000/07/06 11:05
-	531	((pt OR platinum) WITH INTERCON\$10)	USPAT	2000/12/06 16:01
_	17	(((pt OR platinum) WITH INTERCON\$10)) same (diffusion adj barrier)	USPAT	2000/12/06
-	18	(((pt OR platinum) WITH INTERCON\$10)) same (diffusion adj barrier)	USPAT	2001/06/26
-	12	((pt OR platinum) adj INTERCON\$10)	USPAT	2000/12/06 16:02
-	12	((pt OR platinum) adj INTERCON\$10)	USPAT	2000/12/06 16:02
-	1	1998jp-0039992.ap,prai.	USPAT; US-PGPUB; EPO; JPO;	2001/06/25 16:14
-	2	jp-11317455-\$.did.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2001/06/25 16:27
-	2	jp-10229084-\$.did.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2001/06/25 16:36
-	1	1997jp-0030432.ap,prai.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2001/06/25 16:37
-	47	((RU OR RUTHENIUM) WITH (DIFFUSION ADJ BARRIER))	DERWENT USPAT; US-PGPUB	2001/11/23
-	2	((RU OR RUTHENIUM) WITH electromigration)	USPAT; US-PGPUB	2001/11/23
-	21	(primary adj constituent) with defin\$6	USPAT; US-PGPUB	2001/06/26 12:30
-	465	((((CU OR COPPER) WITH INTERCON\$10)) AND (DIFFUSION ADJ BARRIER))	USPAT; US-PGPUB	2001/11/23 10:32
-	26	(((pt OR platinum) WITH INTERCON\$10)) same (diffusion adj barrier)	USPAT; US-PGPUB	2001/11/23 11:20
-	111	((RU OR RUTHENIUM or pt or ir or os or rh or iridium or platinum or osmium or	USPAT; US-PGPUB	2001/11/23 11:23
-	413	or iridium or platinum or osmium or	EPO; JPO; DERWENT;	2001/06/26 17:30
-	127	<pre>rhodium) and electromigration) (((RU OR RUTHENIUM or pt or ir or os or rh or iridium or platinum or osmium or rhodium) and electromigration)) and</pre>	IBM_TDB EPO; JPO; DERWENT; IBM TDB	2001/11/23
		(copper or cu)	1511_155	

Search History 3/11/02 2:37:23 PM Page 1

				1000 100 100
-	11	((RU OR RUTHENIUM) WITH (DIFFUSION ADJ	EPO; JPO;	2001/06/26
		BARRIER))	DERWENT;	13:28
		(IBM_TDB	2001/11/22
-	120	((RU OR RUTHENIUM) and (DIFFUSION ADJ	EPO; JPO;	2001/11/23
1		BARRIER))	DERWENT;	11:33
			IBM_TDB	2221 (11 (22
-	25	((RUTHENIUM or iridium or platinum or	EPO; JPO;	2001/11/23
		osmium or rhodium) and electromigration)	DERWENT;	11:38
			IBM_TDB	2221 (25 (27
-	377	257/762.ccls.	USPAT;	2001/06/27
			US-PGPUB	07:47
-	224	257/767.ccls.	USPAT;	2001/06/27
			US-PGPUB	07:47
-	242	257/768.ccls.	USPAT;	2001/06/27
		057 (751	US-PGPUB	2001/06/27
-	574	257/751.ccls.	USPAT;	1 1
	200	420 (607 1 -	US-PGPUB	07:48 2001/06/27
† -	302	438/627.ccls.	USPAT;	1 1
	400	430/653 2212	US-PGPUB	07:48 2001/06/27
_	496	438/653.ccls.	USPAT;	07:49
	1001	257/7621 - 257/7671 - 257/760 - 1	US-PGPUB	2001/11/23
_	1834	257/762.ccls. 257/767.ccls. 257/768.ccls.	USPAT;	,
		257/751.ccls. 438/627.ccls. 438/653.ccls.	US-PGPUB	10:18 2001/11/23
_	11	IWASAKI-TOMIO and MIURA-HIDEO	USPAT;	07:57
			US-PGPUB;	07:57
1			EPO; JPO;	
	_	10004 0025024	DERWENT	2001/11/23
_	1	1999jp-0036824.ap,prai.	USPAT;	
İ			US-PGPUB;	07:58
			EPO; JPO;	
İ		057/750	DERWENT	2001 (11 (22
-	2014	257/762.ccls. 257/767.ccls. 257/768.ccls.	USPAT;	2001/11/23
ł		257/751.ccls. 438/627.ccls. 438/653.ccls.	US-PGPUB	10:18
-	61	((RU OR RUTHENIUM) WITH (DIFFUSION ADJ	USPAT;	2002/03/11
	_	BARRIER))	US-PGPUB	09:18
-	2	((RU OR RUTHENIUM) WITH electromigration)	USPAT;	2002/03/11
			US-PGPUB	09:36
-	596		USPAT;	2002/03/11
		(DIFFUSION ADJ BARRIER))	US-PGPUB	09:38
-	33	(((pt OR platinum) WITH INTERCON\$10))	USPAT;	2002/03/11
1		same (diffusion adj barrier)	US-PGPUB	11:08
-	125	((RU OR RUTHENIUM or pt or ir or os or rh	USPAT;	2002/03/11
1		or iridium or platinum or osmium or	US-PGPUB	12:38
		rhodium) same electromigration)		2002/02/11
-	134		EPO; JPO;	2002/03/11
		rh or iridium or platinum or osmium or	DERWENT;	12:53
		rhodium) and electromigration)) and	IBM_TDB	
		(copper or cu)	BD0 : 750	2002/02/11
-	128	((RU OR RUTHENIUM) and (DIFFUSION ADJ	EPO; JPO;	2002/03/11
1		BARRIER))	DERWENT;	13:32
		/ (nymynyyny	IBM_TDB	2002/03/11
-	26		EPO; JPO;	2002/03/11
		osmium or rhodium) and electromigration)	DERWENT;	14:07
			IBM_TDB	2002/02/11
-	72	((RU OR RUTHENIUM) WITH (DIFFUSION ADJ	USPAT;	2002/03/11
	_	BARRIER))	US-PGPUB	09:19
-	2	((RU OR RUTHENIUM) WITH electromigration)	USPAT;	,,
		(///GU OD CODDED) WINT THERESONATON THE	US-PGPUB	09:36 2002/03/11
-	709	((((CU OR COPPER) WITH INTERCON\$10)) AND	USPAT; US-PGPUB	09:39
		(DIFFUSION ADJ BARRIER))		2002/03/11
-	35	(((pt OR platinum) WITH INTERCON\$10))	USPAT;	11:09
		same (diffusion adj barrier)	US-PGPUB	2002/03/11
-	140	((RU OR RUTHENIUM or pt or ir or os or rh	USPAT;	12:39
		or iridium or platinum or osmium or	US-PGPUB	12:39
		rhodium) same electromigration)	EDO: 120-	2002/02/11
-	136	(((RU OR RUTHENIUM or pt or ir or os or	EPO; JPO;	2002/03/11
	l	rh or iridium or platinum or osmium or	DERWENT;	12:33
		rhodium) and electromigration)) and	IBM_TDB	
L	<u></u>	(copper or cu)	l	

-	138	((RU OR RUTHENIUM) and (DIFFUSION ADJ	EPO; JPO;	2002/03/11
		BARRIER))	DERWENT;	13:33
			IBM TDB	
-	27	((RUTHENIUM or iridium or platinum or	EPO; JPO;	2002/03/11
ŀ	1	osmium or rhodium) and electromigration)	DERWENT;	14:07
ļ]		IBM TDB	!